



1/16

FIG. 1

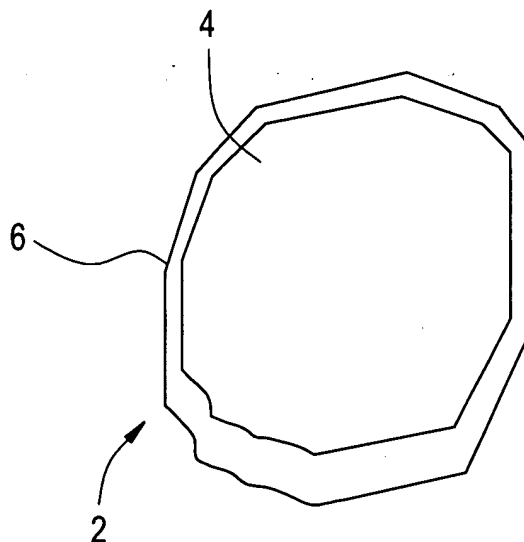


FIG. 2

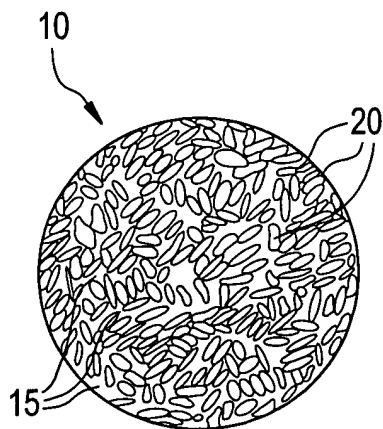
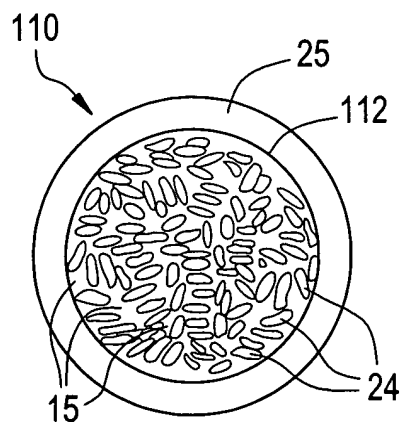
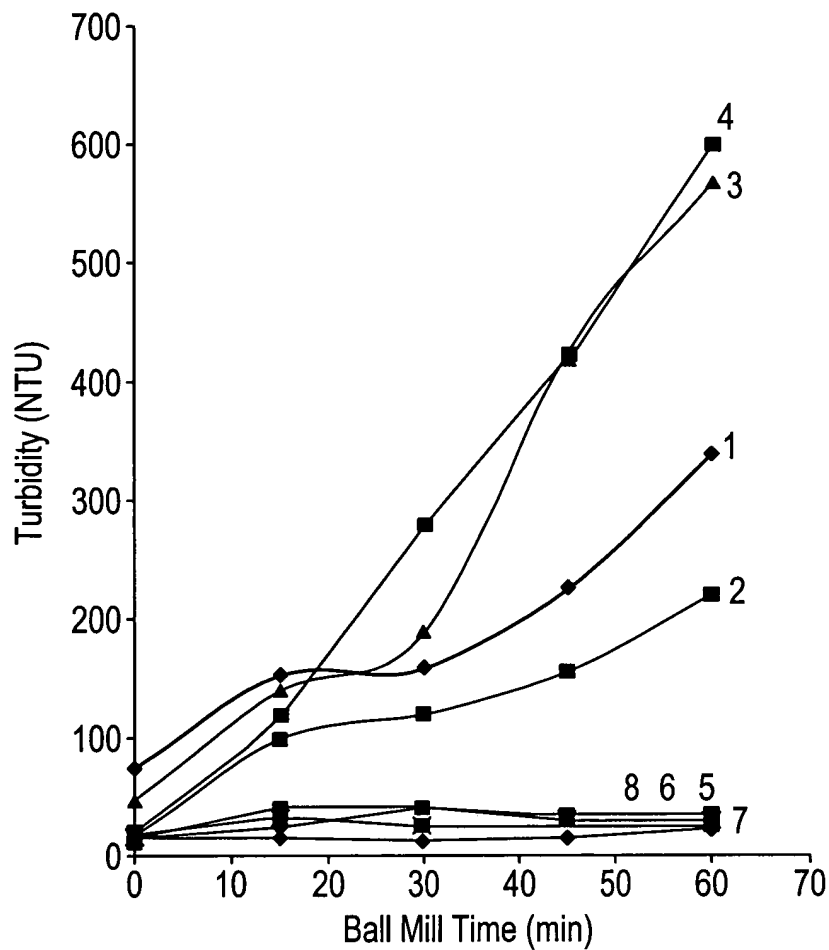


FIG. 3



2/16

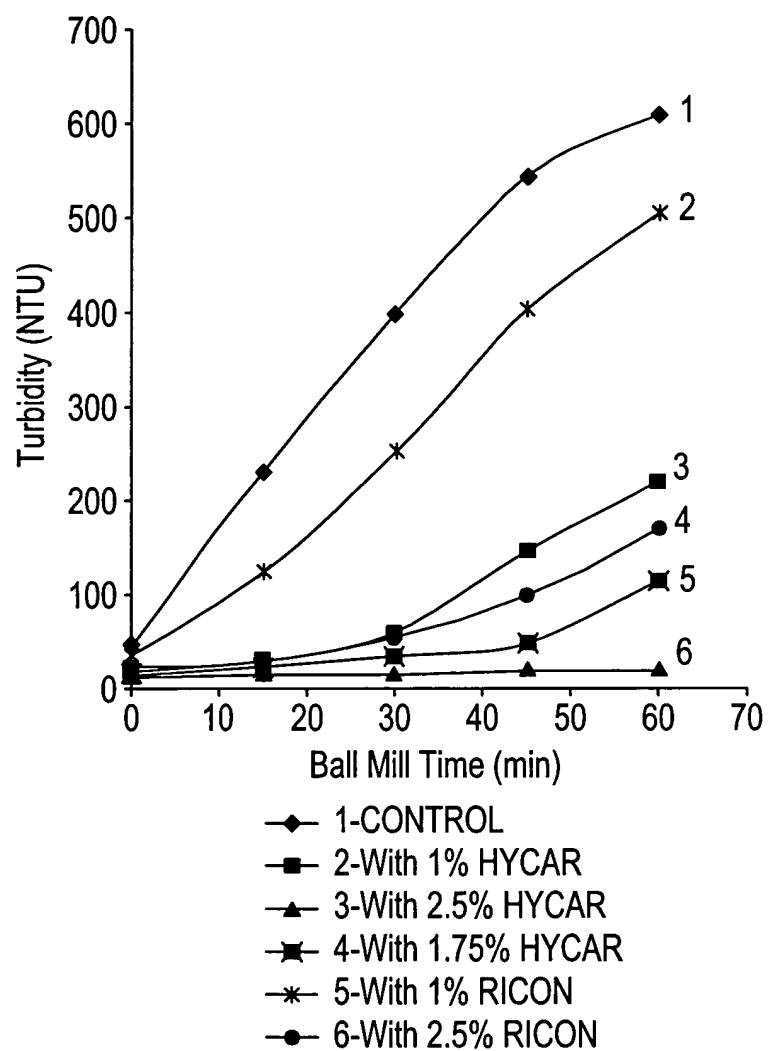
FIG. 4



- ◆ 1-CONTROL (with fibers)
- 2-ENABLE (after flakes)
- ▲ 3-BUTVAR (before flakes)
- 4-BUTVAR (after flakes)
- 5-HYCAR (before flakes)
- 6-HYCAR (after flakes)
- 7-RICON (before flakes)
- ◆ 8-RICON (after flakes)

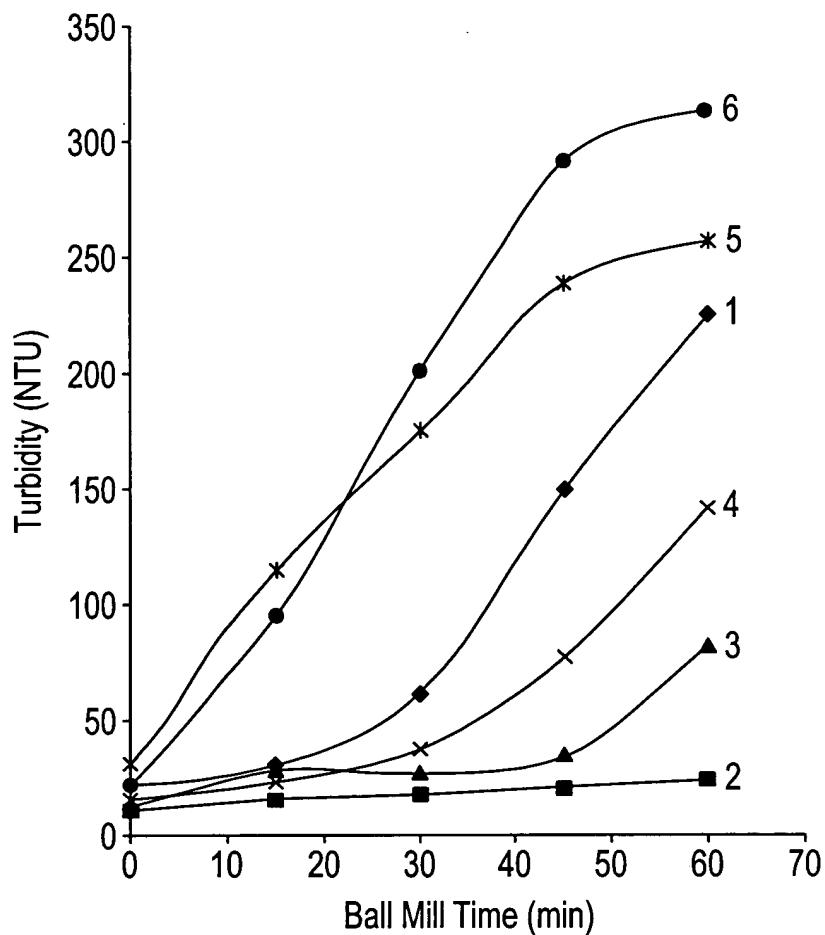
3/16

FIG. 5



4/16

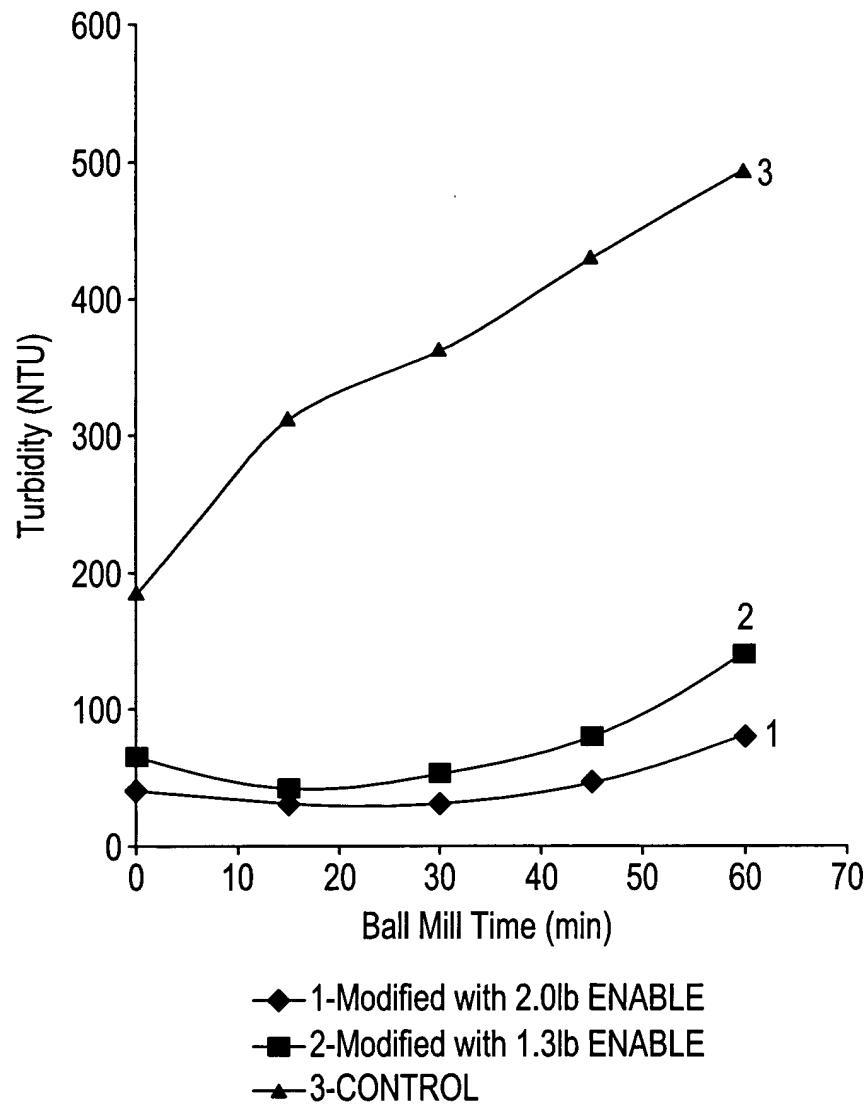
FIG. 6



- ◆— 1-1% HYCAR 1300X31 (CTBN)
- 2-2.5% HYCAR 1300X31 (CTBN)
- ▲— 3-1% HYCAR 1300X33 (VTBNX)
- ×— 4-2.5% HYCAR 1300X33 (VTBNX)
- *— 5-1% HYCAR 1300X42 (ATBN)
- 6-2.5% HYCAR 1300X42 (ATBN)

5/16

FIG. 7



6/16

FIG. 8

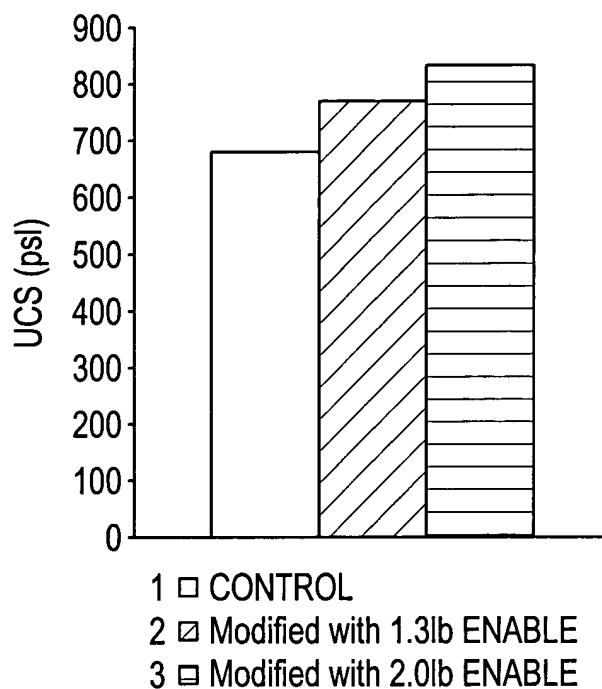
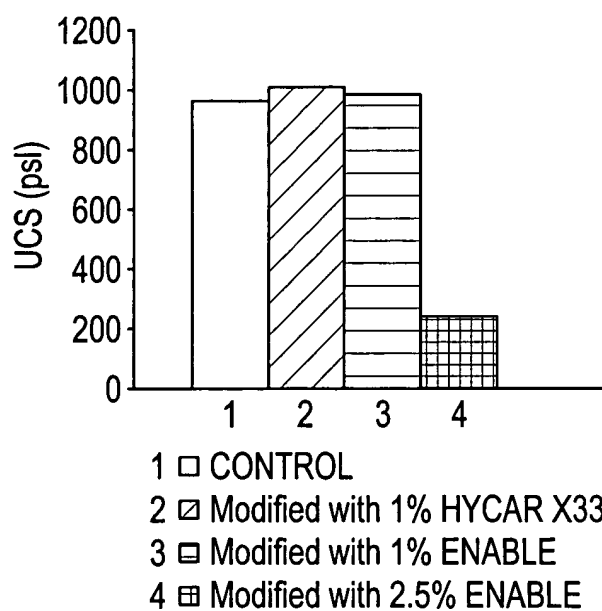
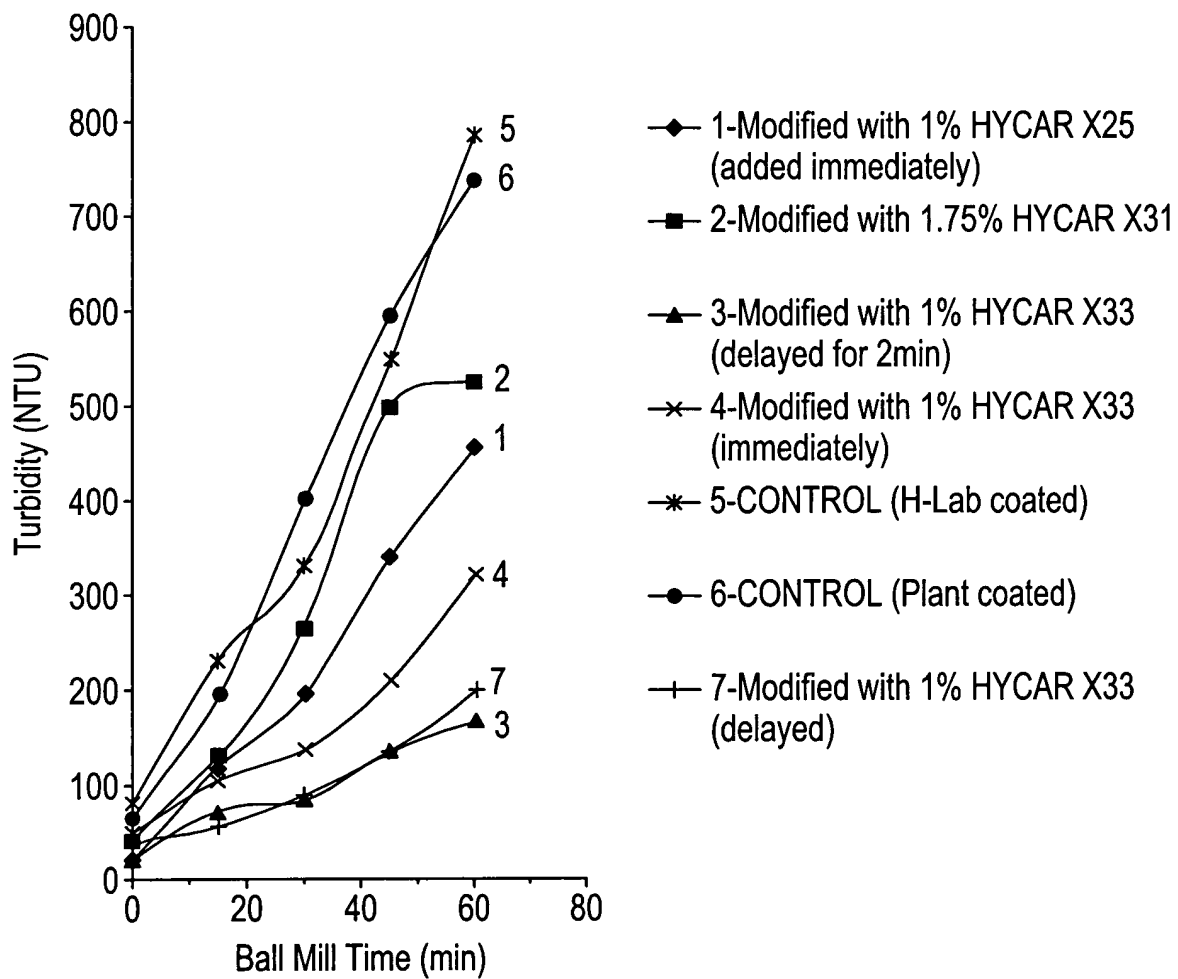


FIG. 9



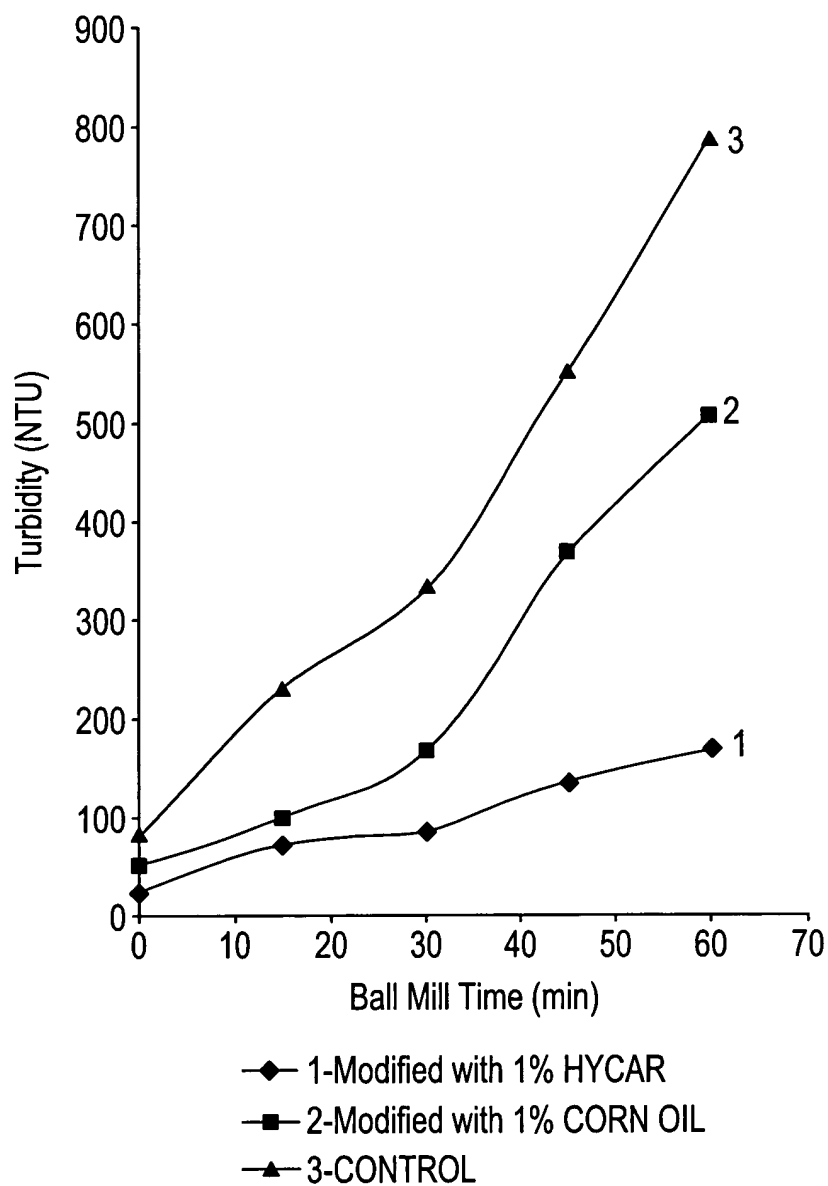
7/16

FIG. 10



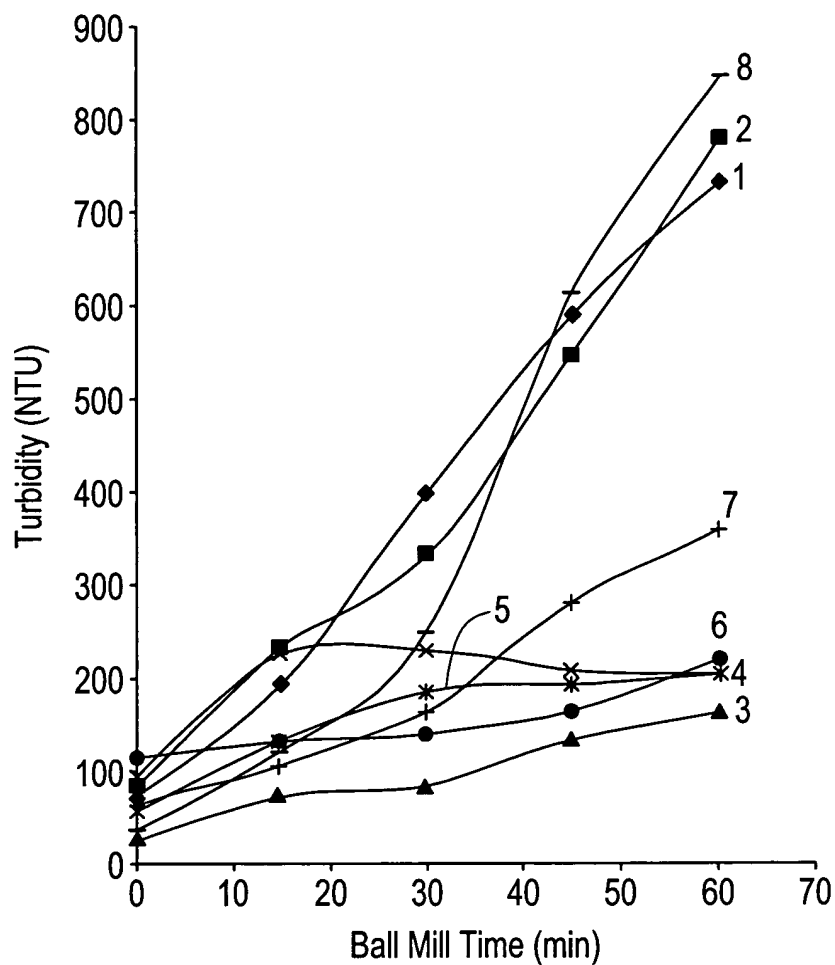
8/16

FIG. 11



9/16

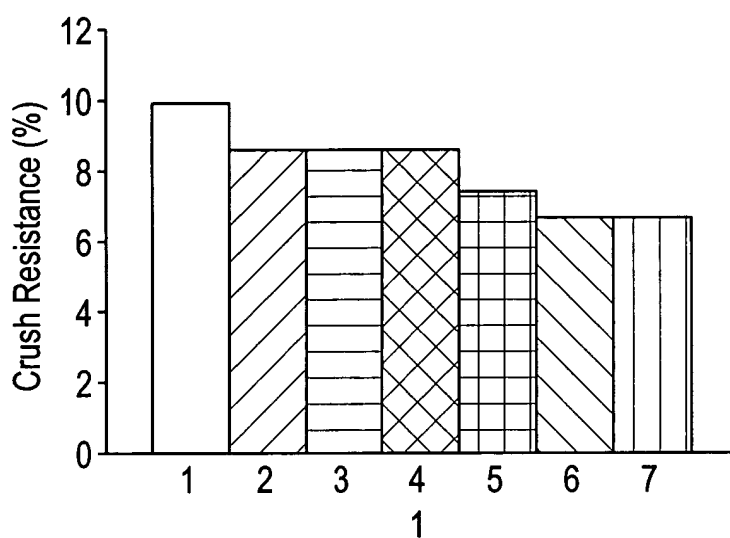
FIG. 12



- ◆— 1-CONTROL (Plant coated)
- 2-CONTROL (H-Lab coated)
- ▲— 3-1% HYCAR X33 (delayed for 2 min)
- ×— 4-2.5% ENABLE (delayed for 40 sec)
- *— 5-2.5% ENABLE (delayed for 1 min)
- 6-1% ENABLE (delayed for 1 min)
- +— 7-1% ENABLE (immediate)
- 8-2.5% ENABLE (immediate)

10/16

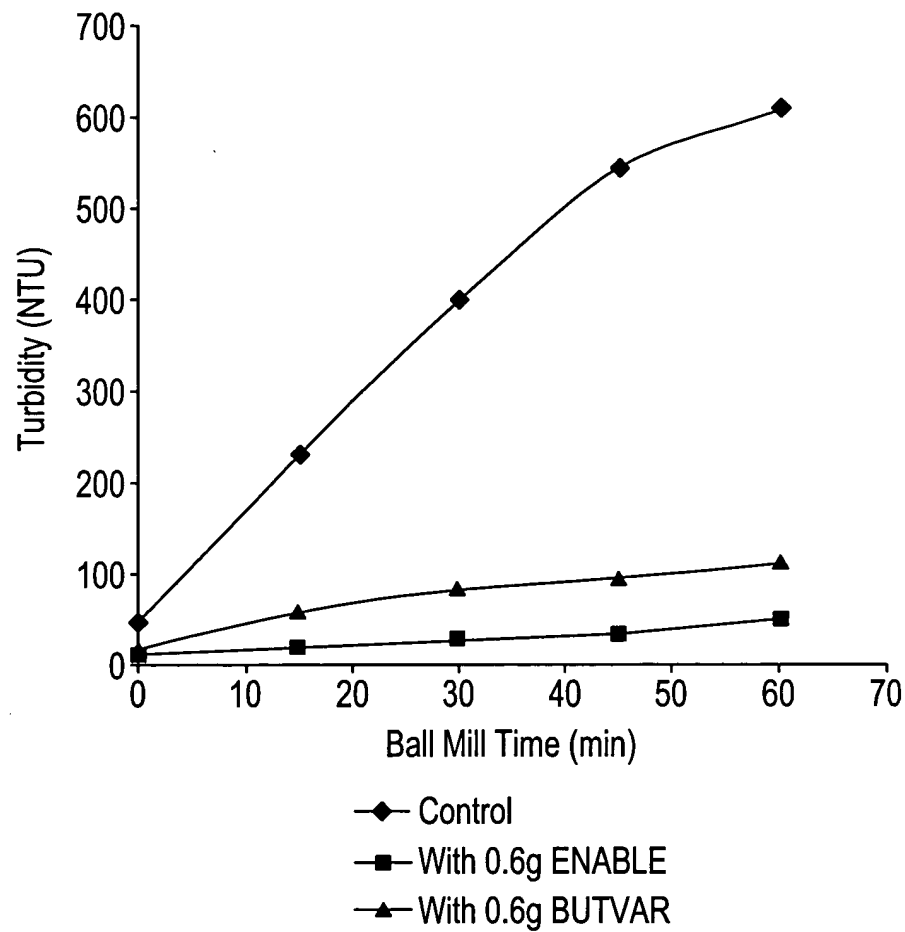
FIG. 13



- 1 □ CONTROL
2 ▨ Modified with 1% HYCAR X22 (delayed)
3 ▤ Modified with 1% HYCAR X33 (immediate)
4 ▩ Modified with 2.5% HYCAR X33
5 ▦ Modified with 5% HYCAR X33
6 ▧ Modified with 5% HYCAR X31
7 ▨ Modified with 2.5% HYCAR X31

11/16

FIG. 14



12/16

FIG. 15A

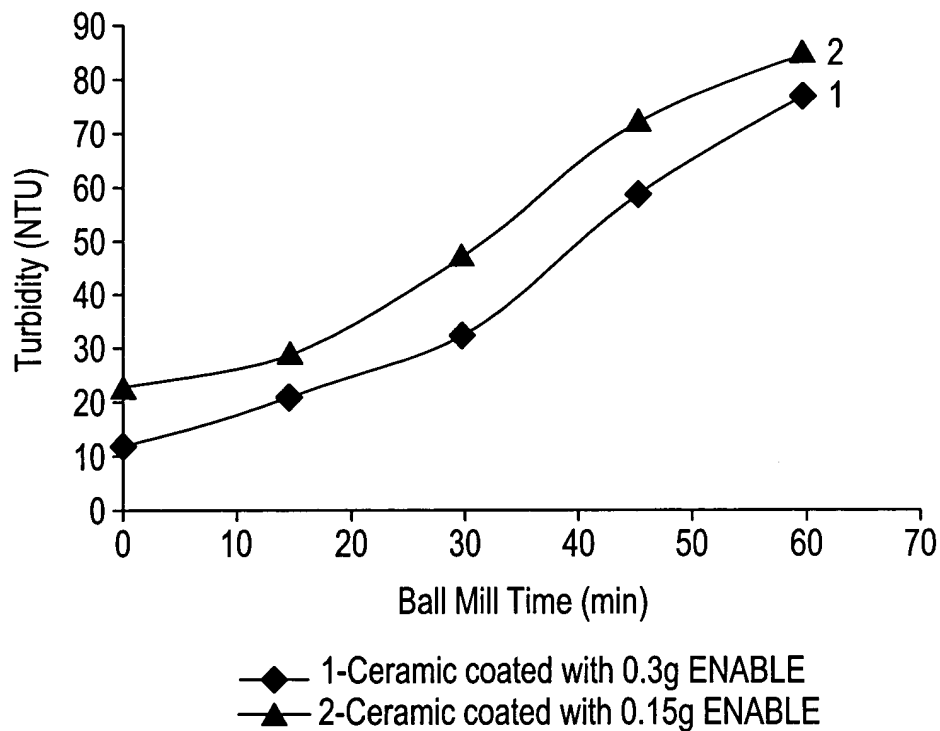
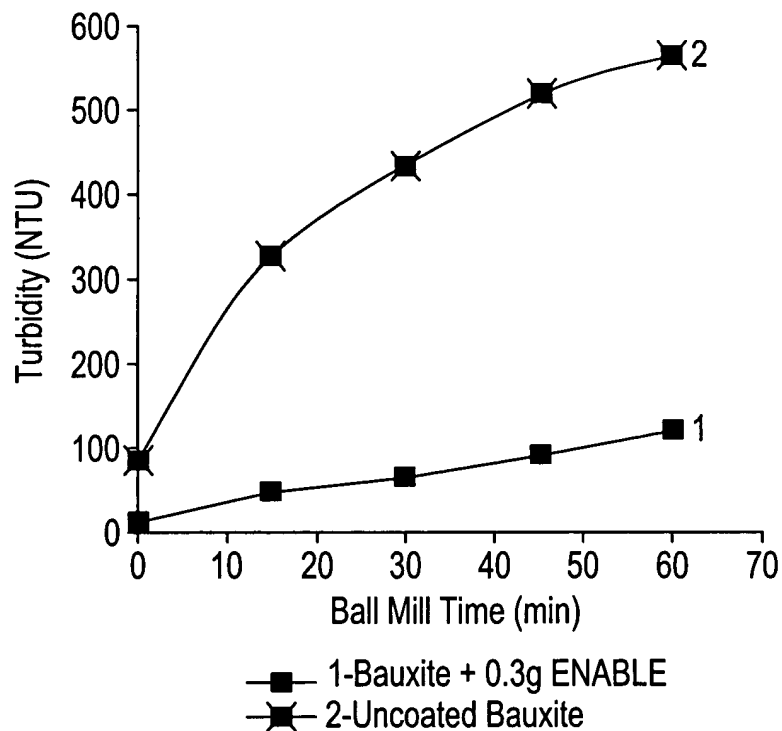
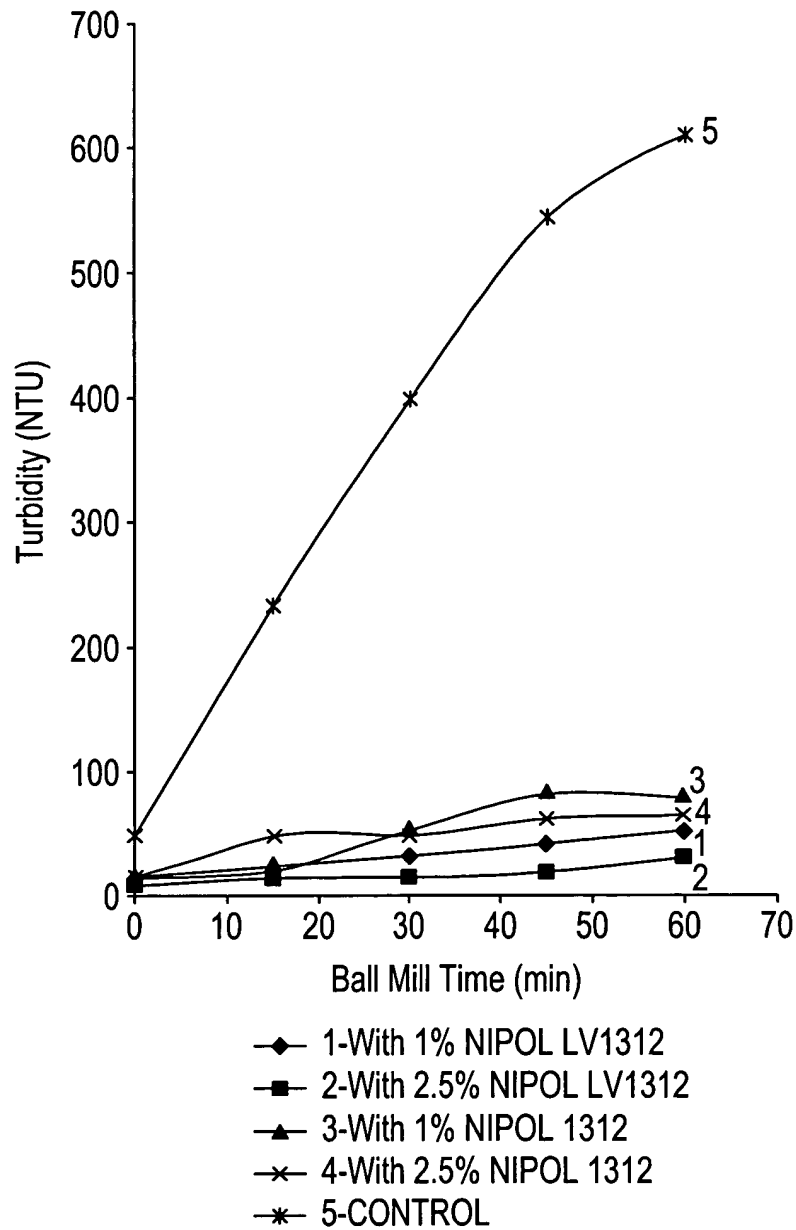


FIG. 15B



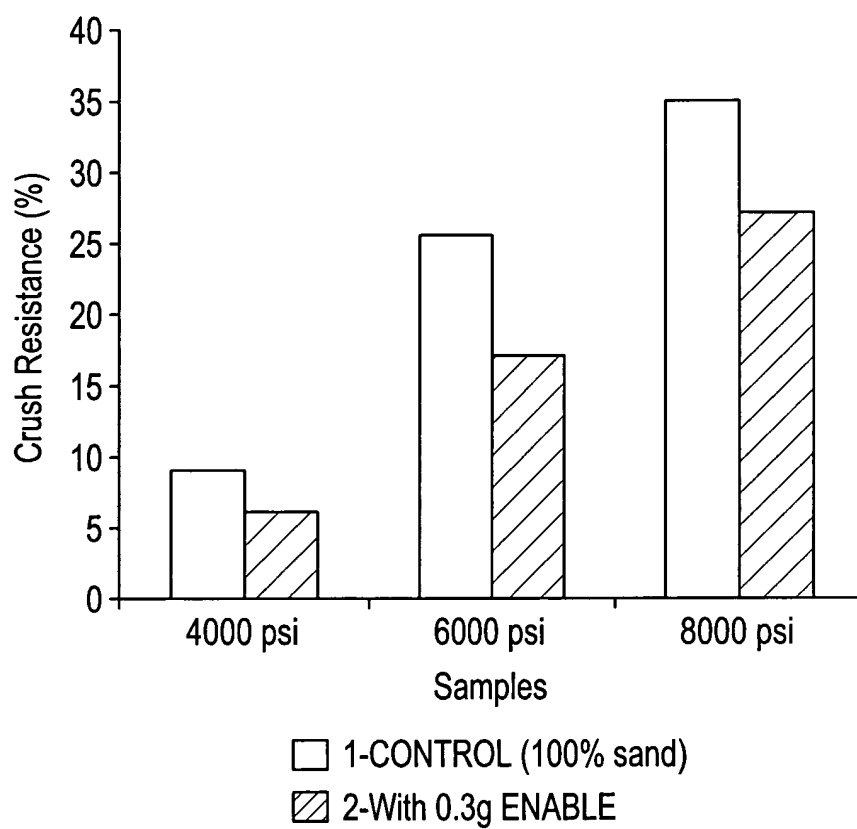
13/16

FIG. 16



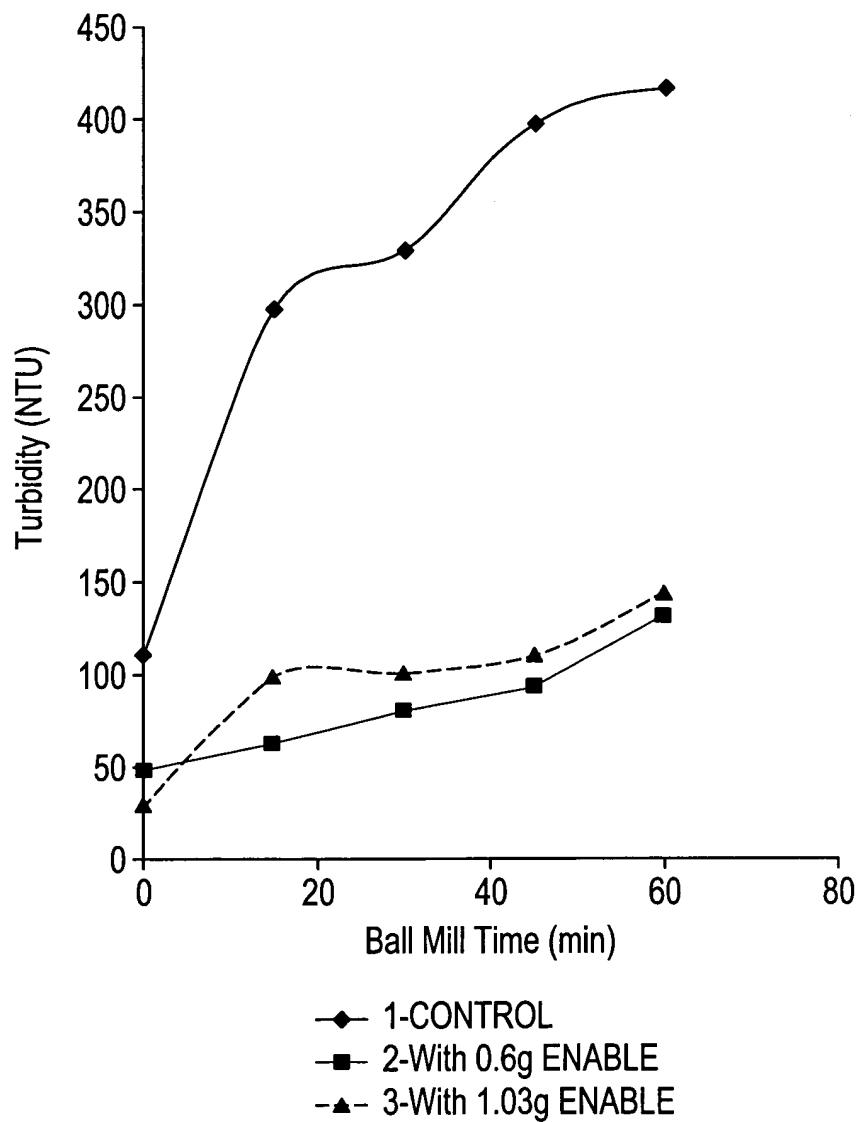
14/16

FIG. 17



15/16

FIG. 18



16/16

FIG. 19

